## MSG 166 - BLUE FD12 PGSC POWER SUPPLY TEMP CHECK

**PGSC POWER SUPPLY TEMP. CHECK**

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**OBJECTIVE:**     Recent Thermal Analysis indicates power supplies may be running hotter than predicted.  Measurements are to determine if there is any touch temperature concerns.

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**LOCATION:**     PGSC

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**TOOLS REQD:**
Tool (MF43C)     Digital Multimeter Kit
                 Temperature Probe and Pressure Module Kit
MF57M            Gloves (Deer Skin)

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1. Obtain Multimeter, Temp. Probe, set up for °F per instructions on flap
PGSC     2. Locate "STS-4 Worldmap" PGSC computer, power supply

NOTE
Power supply to be measured should have been
in operation more than three hours prior to measurement

| CAUTION |
| --- |
| Power supply may exceed touch temp. limit.  Put on gloves before handling. |

3. When taking temperatures hold temp. sensor in postion for ~10 sec. Record all readings on chart below.
4. Measure ambient temp.
5. Measure air temp. ~1-2" from power supply
6. Measure temp. at bottom, both sides, top of power supply
7. Record battery charge level on PGSC.
8. Record software applications running, peripherals installed at time of mearurements (ie. PCMCIA Cards, CD Drives, External Floppy, etc.)
9. Report results to MCC
10. Stow tools, Gloves

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| Location | Ambient Temp | ~1-2" from Power Supply | Bottom | Side (1) | Side (2) | Top |
| --- | --- | --- | --- | --- | --- | --- |
| Temp |  |  |  |  |  |  |

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| Battery Charge | |
| --- | --- |

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| Software Applications / Peripherals | |
| --- | --- |

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**END OF PAGE 1 OF 1, MSG 166**